

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 9577-41KAM	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/CA2004/000825	International filing date (day/month/year) 03/06/2004	(Earliest) Priority Date (day/month/year) 26/06/2003
Applicant ODIDI, Isa		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☒ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

**PROTONE PUMP-INHIBITOR-CONTAINING CAPSULES WHICH COMPRISE SUBUNITS DIFFERENTLY
STRUCTURED FOR A DELAYED RELEASE OF THE ACTIVE INGREDIENT**

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/CA2004/000825

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K9/48 A61K9/28 A61K9/20 A61K9/50 A61K31/44 A61P1/04		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data, BIOSIS, EMBASE, CHEM ABS Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 017 370 A (NYCOMED DANMARK A S) 12 July 2000 (2000-07-12) claims 1-48 paragraphs '0085! - '0132! examples 7-14	1-48
A	WO 03/009846 A (UNIV MISSOURI) 6 February 2003 (2003-02-06) claims 1-35 examples 1-10 page 23, line 10 - page 29, line 22	1-48
A	US 2002/045646 A1 (PHILLIPS JEFFREY O) 18 April 2002 (2002-04-18) claims 1-16 paragraphs '0077! - '0137! ----- -/--	1-48
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *G* document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
13 October 2004		22/10/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fac. (+31-70) 340-3016		Authorized officer Schifferer, H

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/000825

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 489 346 B1 (PHILLIPS JEFFREY OWEN) 3 December 2002 (2002-12-03) claims 1-23 examples 6,7,9 column 12, line 12 - column 18, line 27 -----	1-48

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/000825

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 29, 30, 46-48 (in part)
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 29-30, 46-48 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA2004/000825

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1017370	A	12-07-2000	AT 252892 T	15-11-2003
			AU 9062998 A	29-03-1999
			CA 2301883 A1	18-03-1999
			DE 69819351 D1	04-12-2003
			EA 2806 B1	31-10-2002
			EP 1017370 A1	12-07-2000
			JP 2001515854 T	25-09-2001
			NO 20001290 A	28-04-2000
			US 6599529 B1	29-07-2003
			CN 1277550 T	20-12-2000
			WO 9912524 A1	18-03-1999
WO 03009846	A	06-02-2003	US 2002045646 A1	18-04-2002
			BR 0210971 A	24-08-2004
			CA 2453117 A1	06-02-2003
			EP 1414452 A1	06-05-2004
			JP 2004521955 T	22-07-2004
			WO 03009846 A1	06-02-2003
			US 2003191159 A1	09-10-2003
			US 2004048896 A1	11-03-2004
			US 2004171646 A1	02-09-2004
US 2002045646	A1	18-04-2002	US 6489346 B1	03-12-2002
			US 5840737 A	24-11-1998
			BR 0210971 A	24-08-2004
			CA 2453117 A1	06-02-2003
			EP 1414452 A1	06-05-2004
			JP 2004521955 T	22-07-2004
			WO 03009846 A1	06-02-2003
			US 2003191159 A1	09-10-2003
			US 2004048896 A1	11-03-2004
			US 2004171646 A1	02-09-2004
			AU 3276701 A	24-07-2001
			BR 0107565 A	11-02-2003
			CA 2396159 A1	19-07-2001
			EP 1246622 A1	09-10-2002
			EP 1430895 A1	23-06-2004
			JP 2003519656 T	24-06-2003
			NO 20023313 A	30-08-2002
			PL 357144 A1	12-07-2004
			WO 0151050 A1	19-07-2001
			US 2003118669 A1	26-06-2003
			US 2003144306 A1	31-07-2003
			US 2003215527 A1	20-11-2003
			US 2004058018 A1	25-03-2004
			ZA 200205512 A	10-02-2004
			AU 1907100 A	22-05-2000
			WO 0026185 A2	11-05-2000
US 6489346	B1	03-12-2002	US 5840737 A	24-11-1998
			AU 3276701 A	24-07-2001
			BR 0107565 A	11-02-2003
			CA 2396159 A1	19-07-2001
			EP 1246622 A1	09-10-2002
			EP 1430895 A1	23-06-2004
			JP 2003519656 T	24-06-2003
			NO 20023313 A	30-08-2002
			PL 357144 A1	12-07-2004

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA2004/000825

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6489346	B1	WO 0151050 A1	19-07-2001
		US 2003191159 A1	09-10-2003
		US 2003118669 A1	26-06-2003
		US 2003144306 A1	31-07-2003
		US 2003215527 A1	20-11-2003
		US 2004048896 A1	11-03-2004
		US 2004058018 A1	25-03-2004
		US 2004171646 A1	02-09-2004
		US 2002045646 A1	18-04-2002
		ZA 200205512 A	10-02-2004
		AU 1907100 A	22-05-2000
		WO 0026185 A2	11-05-2000
